

CHRISTINE O. GREGOIRE  
Director



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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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August 17, 1989

Mr. R.D. Izatt, Director  
Environmental Restoration Division  
U.S. Department of Energy  
P.O. Box 550  
Richland, Washington 99352

Mr. R.E. Lerch, Manager  
Environmental Division  
Westinghouse Hanford Company  
P.O. Box 1970  
Richland, Washington 99352

Mr. T.D. Chikalla, Director  
Facilities and Operations  
Pacific Northwest Laboratory  
P.O. Box 999  
Richland, Washington 99352

Dear Messrs. Izatt, Lerch, and Chikalla:

**RE: Part A Withdrawal Petition**

Please note that Ecology staff have completed review of your June 22, 1989 submittal requesting the withdrawal of five (5) Part A applications for units located within the Hanford facility. These units are as follows:

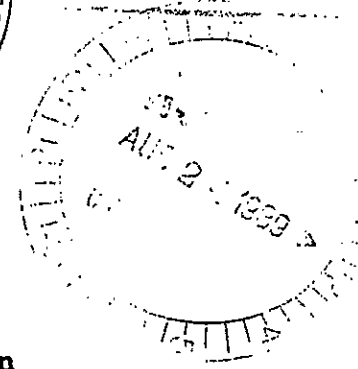
- \* 2727-WA Sodium Reactor Experiment Sodium Storage Building
- \* 1706-KE Waste Treatment System
- \* 221-T Containment Systems Test Facility
- \* 324 Sodium Removal Pilot Plant
- \* 332 Storage Facility.

In response to your request, my staff inspected each of these units and have reviewed associated information. The results of our review are as follows:

- a) Ecology hereby approves the request for withdrawal of the 2727-WA Sodium Reactor Experiment Sodium building and the 332 Storage Facility.

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- b) Based on available information, Ecology cannot approve the withdrawal of the remaining three applications. If USDOE chooses to pursue these requests, further information will be required as described below:

I) 324 Sodium Removal Plant

- 1) A complete description of the use of the Solution Conditioning Tank.
- 2) Further description of the use of this facility during the 1980-1983 time period. This should include all documentation necessary to support the petition withdrawal (i.e. log books, etc.).

II) 1706-KE Waste Treatment System

- 1) All analytical results for material stored and/or treated in this system.
- 2) More in-depth documentation on the historical operation of this unit. This should include, but not be limited to any pertinent log book entries or other operational descriptions.
- 3) Current waste stream designation data. This must include actual analysis and not be limited to "process knowledge". This designation must be a complete designation per WAC 173-303-070, including the aquatic bioassay. This designation must also include enough sampling and analysis to ensure waste stream variation is accounted for.

III) 221-T Containment System

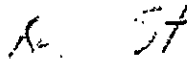
- 1) Documentation covering designation based on lead contamination.
- 2) Documentation on the designation of generated wastes (particularly metal wastes tests).
- 3) A more accurate flow diagram to include the waste treatment tank.
- 4) Any analytical results on wastes generated, treated or stored at the unit.

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For the 332 Storage unit and the 2727-WA Sodium Reactor Experiment Storage unit, Ecology will initiate the formal decision making process as described in WAC 171-303-840. The mechanism by which the Part A will be withdrawn is by denying the application and terminating interim status. Ecology will prepare a fact sheet and initiate the public comment period. Following the public comment period as described in WAC 173-303-840, Ecology will notify USDOE as to the final disposition of the permit (denial of final status and termination of interim status). This will complete the process for these two units.

Should you have any questions or concerns regarding these issues, please contact Mr. Toby M. Michelena at (206) 438-7016.

Sincerely,



Roger Stanley  
Hanford Project Manager

cc: Paul Day - EPA (Richland)  
Roger Freeberg - DOE  
Jack Waite - WHC

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<b>Author</b>  Roger Stanley	<b>Addressee</b>  R. D. Izatt, DOE-RL, et al.	<b>Correspondence No.</b>  Incoming: 8903513
<b>Subject</b> PART A WITHDRAWAL PETITION		

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